

adenosylcobalamin/ α -ribazole phosphatase

Cat. No. EXWM-3678

Lot. No. (See product label)

Introduction

Description

This enzyme catalyses the last step in the anaerobic (early cobalt insertion) pathway of adenosylcobalamin biosynthesis, characterized in *Salmonella enterica*. It also participates in a salvage pathway that recycles cobinamide into adenosylcobalamin.

Synonyms

CobC; adenosylcobalamin phosphatase; α -ribazole phosphatase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.73

CAS No.

251991-06-7

Reaction

(1) adenosylcobalamin 5'-phosphate + H₂O = coenzyme B₁₂ + phosphate; (2) α -ribazole 5'-phosphate + H₂O = α -ribazole + phosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.